

ABSTRACT

The Automated Resource Management System (ARMS™) automates collection, integration, analysis, reporting and archiving of data in a variety of applications while insuring data accuracy and reliability not attainable conventionally. Applications include: environmental, safety, security, military, educational, emergency management, land use, fish and wildlife management, construction and maintenance of highways and waterways, mining, exploration, manufacturing, recreational management, urban restoration, and archaeological preservation. ARMS™ integrates a number of portable devices, employing digital technology and specialized software in these portable devices as well as analysis devices, such as PCs and servers. ARMS™ increases efficiency and reduces cost, while accurately and timely preserving and integrating information. It is useful for both post-processing and real-time reporting, analysis, and pro-active direction of ongoing investigations.